

# Inkscape cheat sheet

## Tools

F1 + S	Selector
Space	Use Selector temporarily
When the "Left mouse button pans when Space is pressed" option is on in Preferences, Space+mouse drag pans canvas instead of switching to Selector.	
F2 + N	Node tool
Shift + F2 + W	Tweak tool
F3 + Z	Zoom tool
F4 + R	Rectangle tool
Shift + F4 + X	3D box tool
F5 + E	Ellipse/arc tool
F6 + P	Freehand (Pencil) tool
Shift + F6 + B	Bezier (Pen) tool
Ctrl + F6 + C	Calligraphy tool
Shift + F7 + U	Paint bucket tool
Ctrl + F1 + G	Gradient tool
F7 + D	Dropper tool
F8 + T	Text tool
F9 + I	Spiral tool
Shift + F9 + *	Star tool
Ctrl + F2 + O	Connector tool
Double click	on the tool buttons opens the Preferences dialog showing the page of the corresponding tool

## Dialogs

Shift + Ctrl + F	Fill and Stroke
Shift + Ctrl + W	Swatches
Shift + Ctrl + T	Text and Font
Shift + Ctrl + M	Transform
Shift + Ctrl + L	Layers
Shift + Ctrl + A	Align and Distribute
Shift + Ctrl + O	Object Properties
Shift + Ctrl + H	Undo History
Shift + Ctrl + X	XML Editor
Shift + Ctrl + D	Document Preferences
Shift + Ctrl + P	Inkscape Preferences
Ctrl + F	Find
Shift + Alt + B	Trace Bitmap
Shift + Ctrl + 7	Path Effects

## Toggle visibility

F12	Toggle dialogs
Shortcuts	within dialogs
Esc	Return to the canvas
Ctrl + F4	Close the dialog
Tab	Jump to next widget
Shift + Tab	Jump to previous widget
Enter	Set the new value

Ctrl + Enter	In XML Editor, set attribute value
Space + Enter	Activate current button or list
Ctrl + Page Up	In a multi-tab dialog, switch tabs

## Control bar

Alt + X	Jump to the first editable field
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## Navigate

Tab	Jump to next field
Shift + Tab	Jump to previous field

## Change values

Up arrow	Increase value by 0.1
Down arrow	Decrease value by 0.1
Page Up	Increase value by 5.0
Page Down	Decrease value by 5.0
Enter	Accept the new value
Esc	Cancel changes and return to canvas
Ctrl + Z	Cancel changes

## Canvas

Ctrl + Arrow keys	Scroll canvas
+	Zoom in
-	Zoom out
Alt + Z	Activate zoom field

The zoom field in the lower left corner of the window allows you to specify zoom level precisely.

1	Zoom 1:1
2	Zoom 1:2
3	Zoom to selection
4	Zoom to drawing
5	Zoom to page
6	Zoom to page width

## File

Ctrl + N	Create new document
Ctrl + O	Open an SVG document
Shift + Ctrl + E or Shift + Ctrl + E	Export to PNG
Ctrl + I	Import bitmap or SVG
Ctrl + P	Print document
Ctrl + S	Save document
Shift + Ctrl + S	Save under a new name
Shift + Ctrl + Alt + S	Save a copy
Ctrl + Q	Exit Inkscape

## Palette

Left click	Set fill color on selection
Shift + Left click	Set stroke color on selection
Move the mouse +	Drag fill color to objects

Left click	
Shift	Mouse drag can drag stroke color to objects

## Window

Ctrl + R	Toggle rulers
Ctrl + B	Toggle scrollbars
F11	Toggle fullscreen
F10	Main menu
Shift + F10 + Right click	Drop-down (context) menu
Ctrl + W or Ctrl + F4	Close document window
Ctrl + Tab	Next document window
Shift + Ctrl + Tab	Previous document window

## Layers

Shift + Page Up	Move to layer above
Shift + Page Down	Move to layer below
Shift + Ctrl + Page Up	Raise the layer
Shift + Ctrl + Page Down	Lower the layer
Shift + Ctrl + Home	Raise the layer to the top
Shift + Ctrl + End	Lower the layer to the bottom

## Object

Shift + Ctrl + Y	Undo
Ctrl + Z	Undo
Shift + Ctrl + Z	Redo
Ctrl + Y	Redo
Ctrl + C	Copy selection
Ctrl + X	Cut selection
Ctrl + V	Paste clipboard
Ctrl + Alt + V	Paste in place
Shift + Ctrl + V	Paste style
Ctrl + 7	Paste path effect
Ctrl + D	Duplicate selection
Alt + D	Clone object
Shift + Alt + D	Unlink clone
Shift + D	Select original
Alt + B	Create a bitmap copy
Shift + Alt + B	Trace bitmap
Alt + I	Object(s) to pattern
Shift + Alt + I	Pattern to object(s)
Shift + Ctrl + U	Group selected objects
Ctrl + G	Group selected objects
Shift + Ctrl + G	Ungroup selected group(s)
Ctrl + U	Ungroup selected group(s)
Home	Raise selection to top
End	Lower selection to bottom

Page Up	Raise selection one step
Page Down	Lower selection one step

## Path

Shift + Ctrl + C	Convert selected object(s) to path
Ctrl + Alt + C	Convert stroke to path
Ctrl + +	Union
Ctrl + -	Difference
Ctrl + *	Intersection
Ctrl + ^	Exclusive OR (XOR)
Ctrl + /	Division (cut)
Ctrl + Alt + /	Cut path
Ctrl + (	Inset path (towards center)
Ctrl + )	Outset path (away from center)
Alt + (	Inset path by 1 pixel
Alt + )	Outset path by 1 pixel
Shift + Alt + (	Inset path by 10 pixels
Shift + Alt + )	Outset path by 10 pixels

The actual distance for pixel offsets depends on zoom level. Zoom in for finer adjustment. All the ( , ) commands convert the object to path, if necessary, and produce regular path.

Ctrl + J	Create dynamic offset
Ctrl + Alt + J	Create linked offset

These commands produce an offset object, editable by the node tool, standalone or linked to the original.

Shift + D	Select source. Selecting a linked offset and giving this command will select the source path of the linked offset
Ctrl + K	Combine paths. This is different from grouping in that combined paths create one object. This is different from Union in that overlapping areas are not affected. Whether overlapping areas are filled is controlled by the Fill: winding/alternating switch on the Fill & Stroke dialog
Shift + Ctrl + K	Break paths apart. This attempts to break an object into constituent paths; it will fail if the object is one solid path
Ctrl + L	Simplify

## Selector

Tab	select next object
Shift + Tab	select previous object -
Ctrl + A	select all (current layer) - This works on objects within the current layer (unless you change that in preferences).
Ctrl + Alt + A	select all (all layers)
!	invert selection (current layer)
Alt + !	invert selection (all layers)
Esc	deselect
Backspace	delete selection

Del	delete selection
Arrow keys	move selection by the nudge distance
Shift + Arrow keys	move selection by 10x nudge distance
Alt + Arrow keys	move selection by 1 pixel
Alt + Shift + Arrow keys	move selection by 10 pixels
.	scale selection up by the scale step
>	scale selection up by the scale step
,	scale selection down by the scale step
<	scale selection down by the scale step
Ctrl + .	scale selection to 200%
Ctrl + >	scale selection to 200%
Ctrl + ,	scale selection to 50%
Ctrl + <	scale selection to 50%
Alt + > or Alt + .	scale selection up by 1 pixel
Alt + ,	scale selection down by 1 pixel
Alt + <	scale selection down by 1 pixel
The actual size increment for pixel scaling depends on zoom level. Zoom in for finer scaling.	
,	rotate selection by the angle step
Ctrl + [	rotate selection by 90 degrees
Ctrl + ]	rotate selection by 90 degrees
Alt + [	rotate selection by 1 pixel

Alt + J	rotate selection by 1 pixel
The actual angle for pixel rotation depends on zoom level. Zoom in for finer movement.	
H	flip selection horizontally
V	flip selection vertically
Left click	select an object
Double click	edit the object
Ctrl + Left click	select within group
Ctrl + Shift + Left click	toggle selection within group
Shift + Alt + Left click	toggle under
Ctrl + Alt + Left click	select under, in groups
Shift + Ctrl + Alt + Left click	toggle under, in groups
Ctrl + Enter	enter group
Ctrl + Backspace	go to parent group/layer
Left click + Move the mouse	select multiple objects
Shift + Left click + Move the mouse	add objects to selection
Left click + Move the mouse	select and move
Alt + Left click + Move the mouse	move selected
Ctrl + Left click + Move the mouse	restrict movement to horizontal or vertical

Shift + Left click + Move the mouse	temporarily disable snapping
Left click + Move the mouse	drop a copy
Left click	toggle scale/rotation handles
Left click + Move the mouse	scale (scale handles)
Left click + Move the mouse	rotate or skew (rotation handles)
Left click + Move the mouse	scale
Ctrl + Left click + Move the mouse	scale preserving aspect ratio
Shift + Left click + Move the mouse	symmetric transformation
Alt + Left click + Move the mouse	slow movement
Left click + Move the mouse	rotate or skew
Ctrl + Left click + Move the mouse	snap skew angle
Ctrl + Left click + Move the mouse	snap rotation angle
Left click + Move the mouse	move rotation center
Shift + Left click	reset rotation center
Esc	cancel rubberband, move, transformation

## Node tool

Tab	select next node
Shift + Tab	select previous node
Ctrl + A	select all nodes in subpath(s)
Ctrl + Alt + A	select all nodes in path
!	invert selection in subpath(s)
Alt + !	invert selection in path
Esc	deselect all nodes
Arrow keys	move selected node(s) by the nudge distance
Shift + Arrow keys	move selected node(s) by 10x nudge distance
Alt + Arrow keys	move selected node(s) by 1 pixel
Alt + Shift + Arrow keys	move selected node(s) by 10 pixels
<	contract/expand both handles by scale step
>	contract/expand both handles by scale step
Left Ctrl + < or Left Ctrl + >	scale left handle by the scale step
Right Ctrl + < or Right Ctrl + >	scale right handle by the scale step
Left Alt + < or Left Alt + >	scale left handle by 1 pixel
Right Alt + < or Right Alt + >	scale right handle by 1 pixel

,	rotate both handles by the angle step
Ctrl + [	rotate left handle by the angle step
Left Ctrl + ]	rotate left handle by the angle step
Ctrl + ]	rotate right handle by the angle step
Ctrl + [	rotate right handle by the angle step
Left Alt + [ or Left Alt + ]	rotate left handle by 1 pixel
Right Alt + [ or Right Alt + ]	rotate right handle by 1 pixel
.	scale nodes up by the scale step
>	scale nodes up by the scale step
,	scale nodes down by the scale step
<	scale nodes down by the scale step
Alt + .	scale nodes up by 1 pixel
Alt + >	scale nodes up by 1 pixel
Alt + ,	scale nodes down by 1 pixel
Alt + <	scale nodes down by 1 pixel
,	rotate nodes by the angle step
Alt + [	rotate nodes by 1 pixel
Alt + ]	rotate nodes by 1 pixel
H	flip nodes horizontally
V	flip nodes vertically
Shift + L	make line
Shift + U	make curve
Shift + C	make cusp
Shift + S	make smooth

Shift + Y	make symmetric
Ctrl + Left click	toggle smooth/cusp/symmetric
Shift + J	join selected nodes
Shift + B	break selected node(s)
Backspace	delete selected node(s)
Del	delete selected node(s)
Ctrl + Backspace	delete without preserving shape
Ctrl + Del	delete without preserving shape
Ctrl + Alt + Left click	create/delete node
clickclick	create node
Insert	insert new node(s)
Shift + D	duplicate selected node(s)
Left click	click a non-selected object to select
Alt + Left click or Alt + Left click	select under
Shift + Left click or Shift + Left click or Shift + Left click	toggle selection
Left click	select a node
Left click	select two adjacent nodes
Left click	deselect
Left click + Move the mouse	select multiple nodes
Shift + Left click + Move the mouse	add nodes to selection
Left click + Move	move selected nodes

the mouse	
Ctrl + Left click + Move the mouse	restrict movement to horizontal or vertical
Ctrl + Alt + Left click + Move the mouse	move along handles
Shift + Left click + Move the mouse	temporarily disable snapping
Shift + Left click + Move the mouse	drag out handle
Left click + Move the mouse	move a node handle
Ctrl + Left click + Move the mouse	snap the handle to angle steps
Shift + Left click + Move the mouse	rotate both handles
Alt + Left click + Move the mouse	lock the handle length
Ctrl + Left click	retract the handle
Shift + R	reverse path direction
Esc	cancel rubberband or move

## Rectangle tool

Left click + Move the mouse	draw a rectangle
Ctrl + Left click + Move the mouse	make a square or integer-ratio rectangle
Shift + Left click +	draw around the starting point

Move the mouse  
or Shift + Left click  
+ Move the mouse

Left click + Move the mouse    drag a handle to resize or round corners

Ctrl + Left click + Move the mouse    lock width, height, or ratio (resize handles)

Ctrl + Left click + Move the mouse    lock the corner circular (rounding handles)

Esc    deselect

## Ellipse tool

Left click + Move the mouse    draw an ellipse

Ctrl + Left click + Move the mouse    make circle or integer-ratio ellipse

Ctrl + Alt + Left click or Ctrl + Alt + Left click    select under

Left click + Move the mouse    drag a handle to resize, make arc or segment

Ctrl + Left click + Move the mouse    lock circle (resize handles)

Ctrl + Left click + Move the mouse    snap to angle steps (arc/segment handles)

Esc or Esc    deselect

## Star tool

Left click + Move the mouse    draw a star

Ctrl + Left click + Move the mouse    snap star to angle steps

Left click or Left click or Left click    click an object to select

Alt + Left click    select under

Shift + Left click    toggle selection

Left click + Move the mouse    drag a handle to vary the star shape

Ctrl + Left click + Move the mouse    keep star rays radial (no skew)

Shift + Left click + Move the mouse    round the star

Shift + Left click    remove rounding

Alt + Left click + Move the mouse    randomize the star

Alt + Left click    remove randomization

Ctrl + Alt + Left click    remove randomization

## Spiral tool

Left click + Move the mouse    draw a spiral

Ctrl + Left click + Move the mouse    snap spiral to angle steps

Left click    click an object to select

Shift + Left click or    toggle selection

Shift + Left click or  
Shift + Left click or  
Shift + Left click

Left click + Move the mouse    roll/unroll from inside (inner handle)

Alt + Left click + Move the mouse    converge/diverge (inner handle)

Alt + Left click    reset divergence (inner handle)

Ctrl + Alt + Left click    reset divergence (inner handle)

Shift + Left click    zero inner radius (inner handle)

Left click + Move the mouse    roll/unroll from outside (outer handle)

Shift + Left click + Move the mouse    scale/rotate (outer handle)

Ctrl + Left click + Move the mouse    snap handles to angle steps

Esc    deselect

## Zoom tool

Left click    zoom in

Shift + Left click    zoom out

Left click + Move the mouse    zoom into the area

## Pencil tool

Left click + Move the mouse	draw a freehand line
Shift + Left click + Move the mouse	add to selected path
Shift + Left click + Move the mouse	temporarily disable snapping

## Pen (Bezier) tool

Left click	create a sharp node
Shift + Left click	add to selected path
Left click + Move the mouse	create a bezier node with two handles
Shift + Left click + Move the mouse	move only one handle
Ctrl + Left click + Move the mouse	snap the handle to angle steps
Arrow keys	move last node by the nudge distance
Shift + Arrow keys	move last node by 10x nudge distance
Alt + Arrow keys	move last node by 1 pixel
Alt + Shift + Arrow keys	move last node by 10 pixels
Ctrl + snap	last segment to angle steps
Shift + L	make last segment line
Shift + U	make last segment curve
Enter	finish current line
Right click	finish current line

clickclick	finish current line
Esc	cancel current line
Ctrl + Z	cancel current line
Backspace	erase last segment of current line
Del	erase last segment of current line

## Calligraphy

Left click + Move the mouse	draw a calligraphic line
Left arrow / Right arrow	adjust pen width
Up arrow / Down arrow	adjust pen angle
Esc	deselect
Left click + Move the mouse	create gradient
Double click	create default gradient
Tab	select next handle
Shift + Tab	select previous handle
Arrow keys	move selected handle by the nudge distance
Shift + Arrow keys	move selected handle by 10x nudge distance
Alt + Arrow keys	move selected handle by 1 pixel
Alt + Shift + Arrow keys	move selected handle by 10 pixels
Esc	deselect handle

Left click + Left click	open gradient editor
Shift + R	reverse gradient definition
Left click	click an object to select
Alt + Left click or Alt + Left click or Alt + Left click or Alt + Left click	select under

## Dropper tool

Left click	pick fill color
Shift + Left click	pick stroke color
Left click + Move the mouse	average fill color
Shift + Left click + Move the mouse	average stroke color
Alt + Left click	pick inverse color
Ctrl + C	copy color

## Text tool

Left click	create/select a text object
Esc	deselect the text object
Arrow keys	move cursor by one character
Ctrl + Left arrow / Right arrow	move cursor by one word
Ctrl + Up arrow / Down arrow	move cursor by one paragraph

Home	go to beginning/end of line
End	go to beginning/end of line
Ctrl + Home or Ctrl + End	go to beginning/end of text
Left click + Move the mouse	create flowed text
Left click + Move the mouse	adjust frame size
Ctrl + Left click + Move the mouse	lock width, height, or ratio of frame
Alt + W	flow text into frame
Alt + Shift + W	unflow text from frame
Shift + D	select external frame
Shift + D	select path from text
Enter	start a new line or paragraph
Ctrl + U	toggle Unicode entry
Ctrl + Space	insert no-break space
Left click + Move the mouse	select text
Shift + Arrow keys	select text by character
Ctrl + Shift + Arrow keys	select text by word
Shift + Home	select to beginning of line
Shift + End	select to end of line
Ctrl + Shift + Home	select to beginning of text
Ctrl + Shift + End	select to end of text

Double click	select word
Click three times (rapidly)	select line
Ctrl + A	select all text
Ctrl + B	make selection bold
Ctrl + I	make selection italic
Alt + >	expand line/paragraph by 1 pixel
Shift + Alt + >	expand line/paragraph by 10 pixels
Alt + <	contract line/paragraph by 1 pixel
Shift + Alt + <	contract line/paragraph by 10 pixels
Ctrl + Alt + >	make the text object taller by 1 pixel
Shift + Ctrl + Alt + >	make the text object taller by 10 pixels
Ctrl + Alt + <	make the text object shorter by 1 pixel
Shift + Ctrl + Alt + <	make the text object shorter by 10 pixels
Alt + Arrow keys	shift characters by 1 pixel
Shift + Alt + Arrow keys	shift characters by 10 pixels
Ctrl + [ or Ctrl + ]	rotate character(s) by 90 degrees
Alt + ] or Alt + [	rotate character(s) by 1 pixel

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*More information: [defkey.com/inkscape-shortcuts](https://defkey.com/inkscape-shortcuts)*

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